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3		CHAPTER I: POLLUTION CONTROL BOARD
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81	602.APPENI	OIX A References to Former Rules (Repealed)			
82	A I 1001 I 0 0				
83		Y: Implementing Section 17 and authorized by Section 27 of the Environmental			
84	Protection A	et [415 ILCS 5/17 and 27].			
85					

86		iled with Secretary of State January 1, 1978; amended and codified at 6 Ill. Reg.	
87	11497, effective September 14, 1982; amended at 8 Ill. Reg. 2157, effective February 7, 1984;		
88		mendment at 9 Ill. Reg. 13371, effective August 16, 1985, for a maximum of 150	
89	•	ed at 10 Ill. Reg. 7337, effective April 22, 1986; amended in R96-18 at 21 Ill. Reg.	
90		ve May 8, 1997; amended in R03-21 at 27 Ill. Reg. 18030, effective November 12,	
91	2003; amend	ed in R15-22 at 40 Ill. Reg. 6799, effective April 15, 2016; amended in R18-17 at	
92	43 Ill. Reg. 8	036, effective July 26, 2019; amended in R18-26 at 47 Ill. Reg, effective	
93		_ _ ·	
94 95		SUBPART A: GENERAL PERMIT PROVISIONS	
96 97	Section 602	101 Purpose	
98	Section 002.	101 Tul pose	
99 100		of this Part is to establish and enforce minimum standards for the permitting of vater supplies. The definitions in 35 Ill. Adm. Code 601.105 apply to this Part.	
101 102	a)	ANo person must notshall construct, install, or operate a community water supply	
103	u)	without a permit granted by the Agency. [415 ILCS 5/18(a)(3)]	
103		without a permit granted by the Agency. [413 ILCS 3/10(a)(3)]	
105	b)	Owners are required to submit plans and specifications to the Agency and obtain	
106	0)	written approval before construction, installation, changes, or additions to a	
107		community water supply, except as provided in Section 602.104. [415 ILCS	
108		5/15(a)].	
109		3/13(a)].	
110	(Sour	ce: Amended at 47 Ill. Reg, effective)	
111	(5041	, oneship	
112	Section 602.	104 Emergency Permits	
113	2001011 0020	- · · g, - ·	
114	a)	Whenever emergency conditions require immediate action, the Agency may issue	
115	/	construction and operating permits by telephone to the owner, official custodian,	
116		or Responsible Operator in Charge, with whatever special conditions the Agency	
117		considers deems to be necessary for the proper safeguarding of the health of the	
118		water consumers.	
119			
120	b)	Emergency conditions are hazards or threats to public health caused by:	
121	,		
122		1) accidents;	
123			
124		2) equipment failures;	
125		, 1 1	
126		3) human error; or	
127		,	
128		4) natural disasters.	

129		
130	c)	The Agency <u>mustshall</u> confirm to a permit applicant, in writing, within 10 days
131		after issuance, its granting of an emergency permit. The confirmation will be
132		conditioned upon the Agency's receipt and approval, by the Agency, of as-built
133		plans and specifications.
134		
135	d)	As-built plans and specifications covering the work performed under the
136		emergency permit and any information required by special conditions in the
137		emergency permit must be submitted to the Agency within 60 days after issuance
138		of the emergency permit, unless otherwise stated by the Agency in writing.
139		
140	e)	The Agency may request that the community water supply make modifications
141		after review of the as-built plans and specifications covering the work performed
142		under the emergency permit. Modifications must be made within 90 days after
143		the Agency's written request, unless otherwise stated by the Agency.
144		
145	f)	The Agency can be contacted by calling:
146		
147		1) Bureau of Water, Division of Public Water Supplies Permit Section
148		(217/782-1724); or
149		
150		2) after normal business hours, the State emergency number (217/782-3637
151		(STA-EMER) or 800/782-7860).
152		
153	g)	Each applicant for an emergency permit to install or extend a water main must
154		submit the appropriate fee, as specified in Section 16.1 of the Act, to the Agency
155		within 10 calendar days from the date of issuance of the emergency construction
156		permit. [415 ILCS 5/16.1]
157		
158	(Sourc	e: Amended at 47 Ill. Reg, effective)
159		
160	Section 602.1	05 Standards for Issuance
161		
162	a)	Construction Permits and Operating Permits
163		
164		1) The Agency must not issue any construction or operating permit required
165		by this Part unless the applicant submits adequate proof that the
166		community water supply will be constructed, modified, or operated so as
167		not to cause a violation of the Act or Board rules.
168		
169		2) Except as provided in subsection (a)(3), the Agency must not issue any
170		construction or operating permit required by this Part unless the applicant
171		submits adequate proof that the community water supply facility conforms

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to the following design criteria. When the design criteria in the documents listed in this subsection (a)(2) conflict, the applicant must comply with the design criteria listed in subsection (a)(2)(A).

- A) Criteria promulgated by the Board under 35 Ill. Adm. Code 604;
- B) Recommended Standards for Water Works, incorporated by reference at 35 Ill. Adm. Code 601.115; and
- C) AWWA, ASTM, ANSI, or NSF standards incorporated by reference at 35 Ill. Adm. Code 601.115.
- When the documents listed in subsection (a)(2) do not provide design criteria for the proposed community water supply facility, the Agency must not issue the construction or operating permit unless the applicant submits adequate proof that the community water supply facility conforms to other design criteria that will produce consistently satisfactory results. When necessary for adequate proof, the Agency may require a pilot study.
- The Agency must not issue any construction permit required by this Part unless the applicant submits proof that all plan and specification documents required by this Section and Subpart B have been prepared by a person licensed under the Illinois Architecture Practice Act of 1989 [225 ILCS 305], the Illinois Professional Engineering Practice Act of 1989 [225 ILCS 325], the Illinois Structural Engineering Practice Licensing Act of 1989 [225 ILCS 340], or, for site and groundwater conditions, under the Professional Geologist Licensing Act [225 ILCS 745] (for site and groundwater conditions), or any required combination of these Acts.
- 5) The Agency must not issue a construction permit unless the community water supply has filed a notification of ownership under 35 Ill. Adm. Code 603.101.
- The existence of a violation of the Act, Board <u>rule</u>regulation, or Agency <u>rule</u>regulation will not prevent the issuance of a construction permit if:
 - A) the applicant has been granted a variance or an adjusted standard from the <u>rule</u>regulation by the Board;
 - B) the permit application is for <u>the</u> construction or installation of equipment to alleviate or correct a violation;
 - C) the permit application is for a water main extension to serve

215 216			existing residences or commercial facilities when the permit applicant can show that those residences or commercial facilities
217			are being served by a source of water of a quality or quantity that
218			violates the primary drinking water standards of 35 Ill. Adm. Code
219			611; or
220			011, 01
221		D)	the Agency determines the permit application is for the
222		D)	construction or installation of equipment necessary to produce
223			
			water that is assuredly safe, as required by 35 Ill. Adm. Code
224			601.101.
225	1.	A1 1 A	ar no ar in no ar
226	b)	_	quatic Pesticide Permit
227			nust not issue an algicide or pesticide permit required by this Part
228			dicant submits adequate proof that the application of the algicide or
229			ide will not cause a violation of the Act <u>or</u> , Board <u>or Agency</u>
230		rulesregulation	n, or Agency regulation.
231			
232	(Sourc	e: Amended at	t 47 Ill. Reg, effective)
233			
234	Section 602.1	06 Restricted	Status
235			
236	a)		tus is defined as the Agency determination, under Section 39(a) of
237			ection 602.105, that <u>all or part of</u> a community water supply facility,
238		or portion ther	reof, may no longer be issued a construction permit without causing
239		a violation of	the Act or Board or Agency rules. Violations of Board rules whose
240		violationthat c	can result in a restricted status determination include
241		<u>rules</u> regulation	ns establishing maximum contaminant levels, treatment techniques,
242		source water o	quantity requirements, treatment unit loading rates, storage volume
243		requirements,	and minimum pressure for a distribution system.
244		•	·
245		1) When	the Agency cannot issue a construction permit to a community
246			supply because that issuance would extend an existing violation of
247			t or Board or Agency rules, the Agency must place the community
248			supply on restricted status.
249			Triple of the second se
250		2) Except	t as specified in Section 602.105(a)(6), the Agency must not issue a
251			for water main extension construction when the water main would
252			an existing violation of the Act or Board or Agency rules.
253		Chichia	and emissing violation of the flet of Board of Figure 7 fales.
254	b)	The Agency m	nust publish on its website and in the Environmental Register and
255	0)		rvals of not more than three months, a comprehensive list of
256			ater supplies subject to <u>restricted</u> restrictive status. This list will be
257			Restricted Status List".
			TOUTTOO STATES LIST .

258		
259	c)	The Agency must notify the owners or official custodian and Responsible
260		Operator in Charge of a community water supply when the community water
261		supply is initially placed on restricted status by the Agency.
262		
263	d)	The restricted status list must include a statement of the potential or existing
264		violation of the Act or Board rules regulations that caused the community water
265		supply's inclusion on the list.
266		
267	e)	Owners or official custodians of community water supplies that have been placed
268	,	on restricted status must notify any person requesting construction of a water
269		main extension of this status.
270		
271	(Sourc	e: Amended at 47 Ill. Reg, effective)
272	`	Ç,,
273	Section 602.1	07 Critical Review
274		
275	a)	The Agency must publish in the Environmental Register and on its webpage, at
276	,	the same frequency as the Restricted Status List under Section 602.106(b), a list
277		of those community water supplies that according to Agency records indicate
278		exceed 80 percent of the rate of any of the quantity requirements in the Board's or
279		Agency's rules. This list will be entitled the "Critical Review List".
280		
281	b)	The Critical Review List must include a description of the cause of the
282	,	community water supply's inclusion on the list.
283		
284	c)	The Agency must notify the owner or official custodian and the Responsible
285	,	Operator in Charge of the community water supply when the community water
286		supply is initially placed on critical review status by the Agency.
287		
288	d)	Owners or official custodians of community water supplies that have been placed
289	,	on critical review status must notify of this status any person requesting
290		construction of a water main extension.
291		
292	(Sourc	e: Amended at 47 Ill. Reg, effective)
293	`	,
294	Section 602.1	08 Right of Inspection
295		· •
296	The permittee	must allow the Agency and its duly authorized representatives to perform
297	1	authorized by in accordance with its authority under the Act, including but not
298	limited to:	
299		

300 301	a)	entering at reasonable times the permittee's premises where treatment or distribution facilities are located or where any activity is to be conducted
302		
303		under pursuant to a permit;
304	b)	having access to and copying at reasonable times any records required to be kept
30 4	U)	under the terms and conditions of a permit;
306		under the terms and conditions of a permit,
307	c)	inspecting at reasonable times, including during any hours of operation:
308	C)	inspecting at reasonable times, including during any nodes of operation.
309		1) equipment constructed or operated under the permit;
310		i) equipment constructed of operated under the permit,
311		2) equipment or monitoring methodology; or
312		2) tquipment of momentum memorals, or
313		3) equipment required to be kept, used, operated, calibrated, and maintained
314		under the permit;
315		
316	d)	obtaining and removing at reasonable times samples of any raw or finished water
317	,	or any, discharge or emission of pollutants; and
318		
319	e)	entering at reasonable times to use any photographic, recording, testing,
320		monitoring, or other equipment to preserve, test, monitor, or record for the purpose
321		of preserving, testing, monitoring or recording any raw or finished water or any,
322		activity, discharge, or emission authorized by a permit.
323		
324	(Sour	ce: Amended at 47 Ill. Reg, effective)
325		
326	Section 602.1	111 Application Forms and Additional Information
327		
328		may prescribe the form in which all information required under this Part mustshall
329		and may require such additional information as is necessary to determine whether
330	the communi	ty water supply will meet the requirements of the Act and this Chapter.
331		
332	(Sour	ce: Amended at 47 Ill. Reg, effective)
333		
334	Section 602.1	112 Filing and Final Action by Agency on Permit Applications
335		
336	a)	For permits without a fee under Section 602.109:
337		
338		1) An application for <u>a</u> permit <u>is considered</u> to be filed on the
339		date of initial receipt by the Agency of the application documents. The
340		Agency <u>must</u> shall send the applicant written notification of <u>the</u> receipt of
341 342		the complete application.
)4 <i>L</i>		

343 344		2) Except for emergency permits, applications for construction permits must be filed at least 90 days before the expected start of construction.
345		2) If the Assumption of the testing become the condition of the condition
346		3) If the Agency fails to take final action, by granting or denying the permit
347		as requested or with conditions, within 90 days from the filing of the
348		completed application, the applicant may consider deem the permit granted
349		for a period of one year.
350		
351		4) Any applicant for a permit may waive in writing the requirement that the
352		Agency must take final action within 90 days from the filing of the
353		application.
354		
355	b)	For permits with a fee under Section 602.109:
356		
357		1) An application for a permit is considered must be deemed to be filed on the
358		date the Agency has received the application documents and required fee.
359		The Agency must send the applicant written notification of the receipt of
360		the complete application.
361		and complete approximation
362		2) Except for emergency construction permits, applications for construction
363		permits must be filed at least 45 days before the expected start of
364		construction.
365		construction.
366		3) The Agency must deny construction permit applications that do not
367		contain the entire fee.
		contain the entire ree.
368		The Assessment take final action by quanting an densing normate within
369		4) The Agency must take final action by granting or denying permits within
370		45 days after the filing of an application and the payment of the required
371		fee. If the Agency fails to take final action within 45 days after filing the
372		application and payment of the required fee, the applicant may
373		<u>consider</u> the permit issued.
374		
375	c)	The Agency must maintain a progress record of all permit applications, including
376		interim and final action dates. This information is available to the applicant upon
377		request.
378		
379	d)	The Agency must send all notices of final action by U.S. mail. The Agency is
380		considered must be deemed to have taken final action on the date that the notice is
381		mailed.
382		
383	(Sou	rce: Amended at 47 Ill. Reg, effective)
384	(230	, · · · · · · · · · · · · · · · · · · ·

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387	a)	Construction Permits
388		
389		1) Construction permits for community water supply facilities expire one
390		year <u>afterfrom</u> the date <u>issued or renewed</u> of <u>issuance or renewal</u> , unless
391		construction has started. If construction does not start commence within
392		one year after the from the date of issuance or renewal, the permit may be
393		renewed for additional one year periods at the discretion of the Agency,
394		upon written request of the applicant.
395		
396		2) If construction starts commences within one year after from the date of
397		issuance or renewal of the construction permit was issued or renewed, the
398		permit expires five years from the date <u>issued or renewed</u> of <u>issuance or</u>
399		renewal. Afterward Thereafter, the permit may be renewed for periods
400		specified by the Agency at its discretion, upon written request of the
401		applicant.
402		
403		3) For the purposes of this Section, construction is considered to have
404		started must be deemed commenced when work at the site has been
405		initiated and proceeds in a reasonably continuous manner to completion.
406		
407	b)	Operating permits willshall be valid until revoked unless otherwise stated in the
408	,	permit.
409		1
410	c)	Algicide permits must be issued for fixed terms of five years.
411	,	
412	d)	Aquatic pesticide permits must be valid for a fixed term, not to exceed one year.
413	,	
414	(Sou	arce: Amended at 47 Ill. Reg, effective)
415	`	C

Section 602.116 Requirement for As-Built Plans

If any portion of a community water supply has been constructed without a construction permit as required by Section 602.101, or an emergency permit issued <u>underpursuant to Section</u> 602.104, the community water supply must submit to the Agency as-built plans and specifications and a construction permit application. As-built plans and specifications must be prepared by a qualified person as described in Section 602.105(a)(4). All plans and specifications submitted to the Agency under this Section must be clearly marked "as-built" or "record drawings". Any deficiencies requiring correction, as determined by the Agency, must be corrected within a time limit set by the Agency. Submission of as-built plans and the correction of any deficiencies does not relieve the owner or official custodian from any liability for construction without a permit.

429	(Sourc	e: Amended at 47 Ill. Reg, effective)
430	G 41 (02.1)	IF E 'A CD '4 N. D. C
431 432	Section 602.1	17 Existence of Permit No Defense
433	The existence	of a permit under this Chapter is shall not constitute a defense to a violation of the
434	Act <u>or</u> a, Boar	d regulation, or Agency rule regulation except for the requirements to secure
435	construction, o	pperating, algicide, aquatic pesticide, or emergency permits.
436		
437	(Sourc	e: Amended at 47 Ill. Reg, effective)
438		
439	Section 602.1	18 Appeal of Final Agency Action on a Permit Application
440		
441	a)	If the Agency denies a permit required under this Part, the applicant may petition
442		the Board to appeal the Agency's final decision <u>underpursuant to</u> Section 40 of the
443		Act.
444		
445	b)	An applicant may consider any condition imposed by the Agency in a permit as
446		the Agency's refusal a refusal by the Agency to grant a permit, which entitles that
447		shall entitle the applicant to appeal the Agency's decision to the Board
448		<u>underpursuant to</u> Section 40 of the Act.
449	_	
450	c)	All appeals must be filed with the Board within 35 days after the date on which
451		the Agency served its decision on the applicant. <u>However, the 35-day period to</u>
452		appeal may be extended for an additional period not to exceed 90 days by written
453		notice provided to the Board from the applicant and the Agency within the initial
454		<u>appeal period.</u> [415 ILCS 5/40(a)(1)]
455 456	(Coura	or Amended at 47 III. Dog affective
457	(Sourc	e: Amended at 47 Ill. Reg, effective)
458	Section 602 1	19 Revocations
459	Section 002.1	19 Revocations
460	Failure Violation	on of any permit conditions or failure to comply with a permit condition, the Act,
461		ulation or Agency rule is regulation shall be grounds for enforcement action actions
462	_	the Act, including revocation of a permit. Revocation of a permit mustshall be
463		g a complaint with the Board under pursuant to Title VIII of the Act.
464	sought by min	g a complaint with the Board and pursuant to Title vill of the rec.
465	(Source	e: Amended at 47 Ill. Reg, effective)
466	(Boure	or rimended at 17 III. Reg
467		SUBPART B: CONSTRUCTION PERMITS
468		3=
469	Section 602.2	05 Preliminary Plans
470		·

171 172	a)		expedite the review of subsequent construction permit application plan aments, preliminary plans may be submitted prior to the submission of a
173			struction permit application. No construction permit may shall be issued until
174 175			completed application, required fee, plans, and specifications have been
175 176		Subii	nitted.
176 177	b)	If pr	eliminary plans are submitted, as directed under the Illinois Drinking Water
178	U)	-	olving Loan Funding Process (see 35 Ill. Adm. Code 664), the documents
179			t include a description of alternate solutions, a discussion of the alternatives.
180			reasons for selecting the alternative recommended.
181		ana	reasons for screening the alternative recommended.
182	(Sour	ce: Aı	mended at 47 Ill. Reg, effective)
183	G (0.0)		
184	Section 602.	225 E	ngineer's Report
185	I I.a. a.	- -	the Assess on annihous for a construction normal moves submit on Engineer's
186			the Agency, an applicant for a construction permit must submit an Engineer's
187			onstruction projects for which the Agency may request an Engineer's Report limited to, the construction of a new community water supply, a new source
188 189			vater treatment process other than chemical feeding only. The Engineer's
190			nitted as a preliminary plan <u>underpursuant to Section 602.205</u> . An Engineer's
191			nder pursuant to this Section must contain the information specified by this
192	Section.	itted <u>u</u>	incorparsuant to this section must contain the information specified by this
193	Section.		
194	a)	Gene	eral information, including:
195	α)	oun	momunon, moraumgi
196		1)	a description of the existing community water supply;
197		,	
198		2)	a description of the sewerage facilities;
199		,	•
500		3)	a description of the municipality or area to be served; and
501			
502		4)	the name and mailing address of the owner or official custodian of the
503			community water supply.
504			
505	b)	The	extent of the community water supply system, including:
506			
507		1)	a map of the area to be served with water and any provisions for extending
808			the community water supply system;
509		•	
510		2)	maps of additional areas to be served and an appraisal of the future
511			requirements for service; and
512			

513 514		3)		nt and prospective industrial and commercial water supply needs that kely to be required in the near future.
515 516	c)	Wate	er consu	mption data, including:
517	C)	wate	Consu	impriori data, merading.
518		1)	nonu	lation trends, as indicated by available records;
519		1)	popul	auton trends, as indicated by available records,
520		2)	an est	timate of the number of consumers, based on population trends, who
521		2)		be served by the proposed or expanded water supply system 20 years
522				e future;
523			III tiic	intuio,
524		3)	prese	nt and future water consumption values used as the basis of design;
525		٥,	prese	in and factor water companies to various asca as the casis of design,
526		4)	prese	nt and estimated future yield of the water sources for a community
527		• /	-	supply; and
528			water	supply, und
529		5)	estim	ated water loss in the distribution system based on available records.
530		- /		
531	d)	A ius	stificatio	on for the project when two or more solutions exist for providing
532	/	•		vater supply facilities, as directed under the Illinois Drinking Water
533			•	oan Funding Process (35 Ill. Adm. Code 662), each of which is
534			_	practicable. The Engineer's Report must discuss the alternatives and
535			-	ons for selecting the one recommended, including financial
536		-		ns, operational requirements, operator qualifications, reliability, and
537				considerations.
538			1 2	
539	e)	Sour	ces of W	Vater Supply. The Engineer's Report must describe the proposed
540		sourc	e or sou	arces of water supply to be developed and the reasons for their
541		selec	tion, and	d provide information as follows:
542				
543		1)	For s	urface water sources:
544				
545			A)	hydrological data, stream flow, and weather records;
546				
547			B)	safe yield, including all factors that may affect it;
548				
549			C)	documentation of the structural safety of any spillway or dam to
550				assure that the spillway or dam can continue to provide a source of
551				water during extreme weather;
552				
553			D)	description of the watershed, noting any existing or potential
554				sources of contamination (such as highways, railroads, chemical

555 556				facilities, <u>and</u> land/water use activities , etc.) that may affect water quality;
557				
558		I	E)	summarized quality of the raw water, with special reference to
559			,	fluctuations in quality and, changing meteorological conditions,
560				etc.; and
561				,
562		1	F)	source water protection issues or measures, including erosion and
563			,	siltation control structures, that need to be considered or
564				implemented.
565				
566		2) I	For gro	oundwater sources:
567		_/ -	201 810	, was 1 and
568		,	A)	the sites considered;
569		-	/	,
570		1	B)	advantages of the site selected;
571		-	_,	was surrous of the same serious,
572		(C)	the elevations above mean sea level of the site selected;
573		·	<i>C</i>)	the die various above mean sea level of the bite selected,
574		1	D)	the probable character of geologic formations through which the
575		-)	source is to be developed;
576				source is to be developed,
577		I	E)	hydrogeologic conditions affecting the site, such as anticipated
578		-	_,	interference between proposed and existing wells;
579				interference between proposed and existing wens,
580		I	F)	sources of possible contamination, such as sewers and sewage
581		-	- /	treatment/disposal facilities, highways, railroads, landfills,
582				outcroppings of consolidated water-bearing water bearing
583				formations, chemical facilities, waste disposal wells, and
584				agricultural uses;
585				agricultural about,
586		(G)	the test well depth and method of construction, including
587			-)	placement of liners or screens;
588				partitions of anitotic of servens,
589		1	H)	test pumping rates and their duration, including water levels and
590		-	/	specific yield;
591				specific field,
592		1	I)	test well water quality information; and
593		-	-/	Tool Water quantity and a series and
594		.]	J)	wellhead protection measures being considered.
595		·	,	F
596	f)	Project s	sites. ii	ncluding:
597	,	.,	7	

598 599		*	a discussion of the various sites considered and <u>the</u> advantages of the chosen one;
500 501		2)	the proximity of residences, industries, and other establishments; and
502		-/	promisely or residences, measures, and outer establishments, and
503		3)	any potential sources of pollution that may influence the quality of the
504			supply or interfere with the effective operation of the water works system,
505			such as sewage absorption systems, septic tanks, privies, cesspools, sink
506			holes, sanitary landfills, and refuse and garbage dumps, etc.
507			
508	g)	Propose	ed Treatment Processes. The Engineer's Report <u>must</u> shall describe all
509		propose	ed treatment processes necessary to meet the requirements of this Chapter
510		and pro	<u>vide</u> any available supporting data.
511			
512	h)		ation. The Engineer's Report must provide supporting data justifying
513			tic equipment, including the servicing and operator training to be provided,
514		and mu	st provide for manual override offor any automatic controls.
515		_	
516	i)	Power.	The Engineer's Report must include the following power description:
517		1)	
518		1)	the main source of power;
519		2)	dedicated standby nevven comple of providing nevven to anomate the
520 521			dedicated standby power capable of providing power to operate the
522			community water supply's water source, treatment plant, and distribution facilities during power outages; and
523			racinties during power outages, and
524		3)	outside emergency power sources that are available.
525		3)	outside emergency power sources that are available.
526	j)	Soil cha	aracteristics, groundwater conditions, and foundation problems, including:
527	3/		
528		1)	the character of the soil through which water mains are to be laid;
529			
530		2)	the foundation conditions prevailing at sites of proposed structures; and
531			
532		3)	the approximate elevation of groundwater relative to mean sea level at its
533			expected highest level in relation to subsurface structures.
534			
535	k)		equirements, including a hydraulic analysis based on flow demands and
536		pressur	e requirements.
537		D0:55	
538			D NOTE: Fire flows, when fire protection is provided, should meet the
539			nendations of the Illinois <u>Department of</u> Insurance <u>Services Office</u> or other
540		sımılar	agency for the service area involved.

641				
642	1)	Water Pl	ant W	astes. When waste treatment facilities are necessary for the
643	,			ew process or an increase in water treatment plant capacity, those
644				be included as part of the engineering plans and specifications, and
645				Report must include the following:
646		v 2g		top or must more une rome wing.
647		1) a	n estin	nate of the character and volume of the waste that will be generated
648		<i>'</i>		proposed disposition; and
649		-		proposed disposition, und
650		2) th	he type	e of waste treatment, discharge location, and frequency of
651		*	ischar	· · · · · · · · · · · · · · · · · · ·
652			is on a	5°·
653	(Sour	ce: Ameno	ded at	47 Ill. Reg, effective)
654	(5041)		aca at	, encouve
655	Section 602.2	245 Sourc	re Con	struction Applications
656	500000000000000000000000000000000000000	o Boure		
657	a)	Construc	ction n	ermit applications for the construction of a new, or the
658	,		_	f an existing, well or surface water intake, or the construction of a
659				ransport water purchased from another community water supply
660				ne following:
661		inast me	1440 11	ic following.
662		1) E	Existin	g and proposed finished water quality, including:
663		-/ -		S and proposed immined water quanty, mercuang.
664		А	A)	Hardness;
665			-/	
666		В	3)	Calcium;
667		_	,	C44220111,
668		C	C)	Alkalinity;
669		_	,	- ,
670		Г))	pH;
671			,	r ,
672		E	E)	Orthophosphate;
673			,	1 1 /
674		F	7)	Silicate;
675			,	,
676		C	$\vec{\mathbf{j}}$)	Total Dissolved Solids;
677			,	,
678		Н	H)	Oxidation-reduction potential (ORP);
679			,	1
680		I))	Temperature;
681		,	•	•
682		J)	Chloride;
683		<i>'</i>		

684			K)	Sulfate;
685				
686			L)	Iron;
687				
688			M)	Manganese;
689				
690			N)	Chlorine residual (total); and
691				
692			O)	Chlorine residual (free).
693				
694		2)	A rec	commendation of the treatment necessary to reduce corrosion in
695			house	ehold plumbing.
696				
697	b)	Well	constru	ction permit applications must specify the following:
698				
699		1)	the la	titude and longitude of the well location;
700				
701		2)	the lo	ocation and nature of all potential routes, potential primary sources,
702			and p	otential secondary sources of contamination within 2,500 feet of the
703			well l	location;
704				
705		3)	for si	tes subject to flooding, the well casing heights and the maximum
706			flood	level based upon the highest flood level specified in the best
707			availa	able information, such as the flood of record, the 100-year flood
708			proje	ction, or the 500-year flood projection;
709				
710		4)	a gen	eral aquifer description;
711				
712		5)	the to	otal well depth;
713				
714		6)	the w	rell casing diameter, material, depth, weight, height above ground,
715			and tl	hickness;
716				
717		7)	the gr	rout type, thickness, and depth;
718				
719		8)	the so	creen diameter, material, slot size, and length, if applicable;
720				
721		9)	temp	orary capping and security measures during well construction;
722				
723		10)	propo	osed pump test procedures;
724				
725		11)	-	ling procedures, if necessary under 35 Ill. Adm. Code 611.212, for
726			wells	that may be subject to surface water influences;

727				
728		12)	the typ	pe, design capacity, head rating, and depth of pump setting;
729				
730		13)	the co	lumn pipe diameter, length, material, and joint;
731				
732		14)	the dis	scharge pipe diameter, depth of cover, material, and valving;
733				
734		15)	the ca	sing vent diameter;
735				
736		16)	the air	line length;
737		17)	.1 1	
738		17)	the loc	cation of the raw water sample tap;
739		10)	1	
740		18)	a desc	ription of how the top of the well casing is sealed;
741		10)	م مأممم	winting of access to the well sites and
742 743		19)	a desc	ription of access to the well site; and
743 744		20)	wall b	vidraulies and equifor property data
74 4 745		20)	wen n	ydraulics and aquifer property data.
743 746	a)	The f	Morrina	g information must be submitted on plans for well construction
740 747	c)		t applica	1
747 748		permi	т аррпса	ations.
748 749		1)	the we	ell location with the following information:
750		1)	the we	in location with the following information.
751			A)	a 2,500-foot radius showing the location of potential routes,
752			11)	potential primary sources, and potential secondary sources of
753				contamination;
754				Contamination,
755			B)	cleanup sites within 2,500 feet of the proposed well site with any
756			2)	of the following:
757				
758				i) No Further Remediation (NFR) letter;
759				, , , ,
760				ii) Groundwater Management Zone (GMZ);
761				, , , , , , , , , , , , , , , , , , , ,
762				iii) Environmental Land Use Covenant (ELUC); or
763				
764				iv) an ordinance that restricts the use of groundwater; and
765				_
766			C)	a 400-foot radius showing the location of the sources of pollution
767				listed in 35 Ill. Adm. Code 604.150(a);
768				

769		2)	a <u>cross section eross section</u> of the well showing finished grade, natural
770			ground surface, vent, casing, column pipe, screen, well depth, pump depth,
771 772			grout, gravel pack, and discharge piping;
773		3)	all discharge piping, including pressure gauge, meter, sample tap, check
774		3)	valve, shut-off valve, and vacuum/air release valve, if applicable;
775			varve, shar on varve, and vacually an release varve, it applicable,
776		4)	well house construction, if provided;
777		.,	well house construction, if provided,
778		5)	the locations of all electrical junction boxes;
779		<i>- - - - - - - - - -</i>	une roomizons or une eroom juneoron contest,
780		6)	the locations of all observation wells; and
781		-,	
782		7)	piping showing the ability to pump to waste.
783		,	
784	d)	The fo	llowing information must be submitted on plans for surface water intake
785	,		action permit applications:
786			• • •
787		1)	plan and profile views of the intake structure showing the location,
788			elevation of intake ports, fish screens, valves, piping, and pumps, if
789			applicable;
790			
791		2)	for sites subject to flooding, the maximum flood level based upon the
792			highest flood level specified in the best available information, such as the
793			flood of record, the 100-year flood projection, or the 500-year flood
794			projection;
795			
796		3)	location of inspection manholes, if applicable; and
797			
798		4)	location of chemical treatment, if applicable.
799	49		00 1
800	(Sourc	e: Ame	ended at 47 Ill. Reg, effective)
801	G 41 (02.2	50 T	
802	Section 602.2	50 Tre	atment Construction Applications
803	Th. 6-11	:C	
804	facilities:	niorm	ation must be submitted on plans for the construction of treatment
805 806	racinues.		
807	۵)	all ann	westengings specific structures or equipment having any connection with
808	a)		ourtenances, specific structures, or equipment having any connection with anned water treatment improvements;
809		me pia	inica water deathlent improvements,
810	b)	detaile	d hydraulic profiles of water flowing through treatment systems;
811	0)	actanc	a ny diadre profites of water from ing anough treatment systems,
J . I			

812 813	c)	schem	schematic plumbing for all structures and equipment;				
814	d)	locatio	location of feeders, piping layout, and points of application;				
815							
816	e)	locatio	ons of th	ne sources of pollution listed in 35 Ill. Adm. Code 604.150(a);			
817							
818	f)			ct to flooding, the maximum flood level based upon the highest			
819			_	ecified in the best available information, such as the flood of record,			
820		the 10	0-year f	flood projection, or the 500-year flood projection;			
821	`	•					
822	g)	securii	ty provi	sions; and			
823 824	h)	atabili:	tu and a	correction control			
825	11)	Stabili	ty and c	corrosion control:			
826		1)	existin	ng and proposed finished water quality, including:			
827		1)	CAISTII	ig and proposed minsted water quanty, including.			
828			A)	Hardness;			
829			/				
830			B)	Calcium;			
831			,				
832			C)	Alkalinity;			
833							
834			D)	pH;			
835							
836			E)	Orthophosphate;			
837			D \	au.			
838			F)	Silicate;			
839 840			\mathbf{G}	Total Dissolved Solids;			
841			G)	Total Dissolved Solids,			
842			H)	Oxidation-reduction potential (ORP);			
843			11)	Oxidation reduction potential (OKI);			
844			I)	Temperature;			
845			,	1 ,			
846			J)	Chloride;			
847							
848			K)	Sulfate;			
849							
850			L)	Iron;			
851							
852			M)	Manganese;			
853 854			NI)	Chlorina racidual (total):			
034			N)	Chlorine residual (total);			

855			
856			O) Chlorine residual (free); and
857			
858		2)	a recommendation of the treatment necessary to reduce corrosion in
859		_/	household plumbing.
860			no de contra promo mg.
861	(Sour	ce: Am	nended at 47 Ill. Reg, effective)
862	(2001)		, • • • • • • • • • • • • • • • • • • •
863			SUBPART C: OPERATING PERMITS
864			
865	Section 602.3	305 Op	perating Permit Applications
866		_	
867	a)	All ap	oplications for operating permits must be on forms prescribed by the Agency
868		forms	and must contain:
869			
870		1)	the community water supply's name, address, identification number and
871			project name;
872			
873		2)	the construction permit number, type of construction permit, and date the
874			construction permit was issued;
875			
876		3)	an explanation of the status of the construction project. If the project is
877			only partially completed, the applicant must provide the information set
878			forth in Section 602.320; and
879			
880		4)	any other information required by the Agency for proper consideration of
881			the permit, including the submission of the water sample results under
882			Section 602.310.
883			
884	b)		operating permit application is for the operation of a well, the application the
885		-	ting permit application must include the following information in addition to
886		the in	formation required by subsection (a):
887			
888		1)	final geologic well log;
889			
890		2)	aquifer property data;
891			
892		3)	lateral area of influence, as calculated under 35 Ill. Adm. Code
893			671.Subpart B;
894			
895		4)	delineated wellhead protection area;
896		-	
897		5)	pump test data:

898			
399		A)	the latitude and longitude of the observation well;
900			
901		B)	test pump capacity head characteristics;
902			
903		C)	static water level;
904			
905		D)	depth of pump settings; and
906			
907		E)	time of starting and ending each test cycle;
908			
909	6)	static	water level in the production well and observation wells;
910			
911	7)	pump	ing water level in the production well;
912			
913	8)	transı	missivity in gallons per day per foot of drawdown (GPD/ft);
914			
915	9)	•	ulic conductivity in gallons per day per square feet (GPD/ft ²) or feet
916		per da	ay (ft/day);
917			
918	10)	satura	ated thickness of the aquifer (ft);
919			
920	11)	storag	ge coefficient or specific yield (dimensionless);
921			
922	12)		ding and graphic evaluation of the following, at one-hour intervals or
923		less:	
924			
925		A)	pumping rate;
926		\	
927		B)	pumping water level;
928		~ `	
929		C)	drawdown;
930		5 .	
931		D)	water recovery rate and levels; and
932		T .	
933		E)	specific capacity, measured in gallons per minute per foot
934			(GPM/ft) of drawdown;
935	12)	1.4	
936	13)	a dete	ermination of the regional groundwater gradient and flow direction:
937		A >	if the annual restaurant and floor direction are at 1
938 939		A)	if the groundwater gradient and flow direction was estimated,
939 940			provide the data, and the source of that data;
741 /			

941		B)	if the groundwater gradient and flow direction were was not
942			estimated, provide the longitude and latitude of the wells used,
943			well logs, and the water elevations observed in the wells during the
944			pump test;
945			
946		C)	provide the compass direction clockwise from north in degrees;
947			and
948			
949		D)	provide the gradient;
950			
951	14)	geolog	gical data:
952			
953		A)	a driller's log determined from samples collected at 5-foot intervals
954			and at each pronounced change in formation;
955			
956		B)	accurate geographical location, such as latitude and longitude or
957			GIS coordinates;
958			
959		C)	records of drill hole diameters and depths;
960			
961		D)	order of size and length of casing, screens, and liners;
962			
963		E)	grouting depths;
964			
965		F)	formations penetrated;
966			
967		G)	water levels; and
968			
969		H)	location of any blast charges; and
970			
971	15)	analys	ses of water samples for the constituents listed in 35 Ill. Adm. Code
972		620.4	10(a) and (b).
973			
974	(Source: Ame	ended a	t 47 Ill. Reg, effective)
975			
976	Section 602.310 Pro	jects R	Requiring Disinfection
977			
978			storage tanks, water treatment plants, and water mains must be
979	disinfe	ected in	accordance with AWWA C651, C652, C653, or C654, incorporated
980	by refe	erence i	n 35 Ill. Adm. Code 601.115.
981			
982			of a filter with granular activated carbon (GAC) must be completed
983	before	prior t e	adding the GAC. Disinfection of an ion exchange unit must be

984		completed be	<u>fore prior to adding a resin with a low chlorine tolerance.</u>
985		Disinfection	of a membrane unit must be completed before prior to adding
986			aterial with a low chlorine tolerance. Care should be taken when
987			GAC, resin, or membrane to keep the material as clean as possible.
988		8	, <u>-</u>
989	c)	Except as pro	ovided in Section 602.315, the permit applicant must verify
990	-,		before seeking an operating permit-by-rule under Section 602.235 or
991			of an operating permit by the Agency for completed construction
992			infection is verified when two consecutive water sample sets
993			n the completed project at least 24 hours apart show the absence of
994			eria and the presence of a chlorine residual as required by 35 Ill.
995			04.725. A sample set consists of the following:
996		ram. code o	04.723. It sample set consists of the following.
997		1) For w	ater mains, representative water samples must be collected from
998			1,200 feet of new main along each branch and from the end of the
999		•	The Agency may approve a different sampling plan on a site-specific
1000		basis.	The Agency may approve a unrefent sampling plan on a site-specific
1000		basis.	
1001		2) For w	ater treatment plants, representative water samples must be collected
1002			each aerator, detention tank, filter, ion exchange unit, and clearwell,
1003			all other treatment components other than those not requiring
1004			ection under Section 602.315, and from the entry point to the
1005			oution system.
1007		uistiit	outon system.
1007	d)	Analyses con	ducted under this Section must be performed by a certified
1008	u)	laboratory.	ducted under this section must be performed by a certified
1010		laboratory.	
1010	(Sour	e. Amended s	at 47 Ill. Reg, effective)
1011	(Sour	c. Afficiaca a	it 47 III. Reg
1012	Section 602	20 Partial Or	perating Permits
1013	Section 002.	20 Taruai Op	berating 1 erints
1015	a)	If all phases of	of a construction project will not be completed at one time, the
1015	u)	-	issue a partial operating permit under pursuant to Section 602.105
1017		upon receipt	
1017		upon receipt (or.
1019		1) a cove	er letter describing which sections of the project are completed;
1020		1) a cove	is retter describing which sections of the project are completed,
1021		2) a gene	eral layout plan sheet of the project indicating the location of water
1021			, treatment processes, or storage facilities to be operated;
1022		manis	, treatment processes, or storage facilities to be operated,
1023		3) a com	pleted and signed operating permit application; and
1025		<i>5) a</i> com	process and signed operating permit approcuton, and
1023			

accordance with Section 602.310. 1029	1026 1027		4) bacteriological <u>analysis</u> analyses results from water samples collected from the completed section of the project verifying satisfactory disinfection in
b) Additional operating permits may be obtained in accordance with this Section as other portions of the project are completed. (Source: Amended at 47 III. Reg, effective) Section 602.325 Operating Permit-by-Rule Section 602.325 Operating Permit-by-Rule ThisThe purpose of this Section implements to implement the permit-by-rule program provided for in Section 39.12 of the Act for classes of community water supply operating permits. By fulfilling all of the requirements of this Section, a community water supply is considered to have met the requirements for obtaining an operating permit under Section 18(a)(3) of the Act and Section 602.300. A community water supply is eligible to obtain an operating permit-by-rule if the construction project for which the Agency granted a construction permit is for any of the following projects: 1) Water main extensions; or 2) Projects not requiring disinfection specified in Section 602.315. 1050 1051 c) A community water supply is not eligible to obtain an operating permit-by-rule if the construction project involves a water main that connects two or more community water supplies. 4) Upon issuance of a construction permit, the Agency may notify an eligible community water supply that it may not seek a permit-by-rule if the community water supply that it may not seek a permit-by-rule if the community water supply has failed to submit the information required by Agency or Board rules in the two years preceding the Agency's notification. e) For construction projects that contain both permit-by-rule eligible and non-eligible components, a community water supply may obtain a partial operating permit-by-rule for the eligible portions of the project. 6) A community water supply eligible for a permit-by-rule under subsection (b) that does not elect to obtain a permit-by-rule, must obtain an operating permit issued by the Agency before commencing operations.	1028		
1031 other portions of the project are completed. 1032 (Source: Amended at 47 Ill. Reg, effective) 1034 1035 Section 602.325 Operating Permit-by-Rule 1036 1037 a) ThisThe purpose of this Section implements to implement the permit-by-rule program provided for in Section 39.12 of the Act for classes of community water supply operating permits. By fulfilling all of the requirements of this Section, a community water supply is considered to have met the requirements for obtaining an operating permit under Section 18(a)(3) of the Act and Section 602.300. 1042 1043 b) A community water supply is eligible to obtain an operating permit-by-rule if the construction project for which the Agency granted a construction permit is for any of the following projects: 1046 11) Water main extensions; or 1048 1049 2) Projects not requiring disinfection specified in Section 602.315. 1050 1051 c) A community water supply is not eligible to obtain an operating permit-by-rule if the construction project involves a water main that connects two or more community water supplies. 1051 d) Upon issuance of a construction permit, the Agency may notify an eligible community water supply that it may not seek a permit-by-rule if the community water supply has failed to submit the information required by Agency or Board rules in the two years preceding the Agency's notification. 1059 1060 e) For construction projects that contain both permit-by-rule eligible and noneligible components, a community water supply may obtain a partial operating permit-by-rule for the eligible portions of the project. 1063 1064 f) A community water supply eligible for a permit-by-rule under subsection (b) that does not elect to obtain a permit-by-rule, must obtain an operating permit issued by the Agency before commencing operations.		• .	
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by the Agency before commencing operations.		,	

1068	g)	Permit-by-Rule Certification. Any community water supply seeking to obtain an			
1069		operating permit-by-rule must submit a certification, on <u>Agency</u> forms -prescribed			
1070		by the Agency, specifying the following:			
1071					
1072		1) the community water supply's name, address, identification number and			
1073		project name;			
1074					
1075		2) the construction permit number, type of construction permit, and date the			
1076		construction permit was issued;			
1077					
1078		3) an explanation of the status of the construction project and, if the project is			
1079		only partially completed, the information set forth in Section 602.320;			
1080					
1081		4) a statement attesting to compliance with Section 602.310, if disinfection is			
1082		required; and			
1083					
1084		5) the submission of the water sample results required by Section 602.310.			
1085					
1086	h)	The community water supply may begin operation of a permit-by-rule eligible			
1087		construction project immediately after it files the certification required by			
1088		subsection (g).			
1089					
1090	(Source	ee: Amended at 47 Ill. Reg, effective)			
1091					
1092		SUBPART D: ALGICIDE PERMITS			
1093					
1094	Section 602.4	00 Algicide Permit Requirement			
1095					
1096	a)	ANo person must notshall apply an algicide, copper sulfate, a copper sulfate-			
1097		<u>based product</u> sulfate based products, or <u>a</u> copper sulfate chemical <u>aid</u> to any			
1098		stream, reservoir, lake, pond, or other body of water used as a community water			
1099		supply source without an Algicide Permit issued by the Agency.			
1100					
1101	b)	Permits issued under this Subpart D will be valid for community water supply			
1102		sources only.			
1103					
1104	(Source	ce: Amended at 47 Ill. Reg, effective)			
1105					
1106	Section 602.4	10 Sampling			
1107					
1108	a)	The owner or official custodian, or an authorized delegate, must collect water			
1109		samples for each application of copper sulfate, <u>a</u> copper <u>sulfate-based</u>			
1110		<u>productsulfate based products</u> , or <u>a</u> copper sulfate chemical <u>aidaids</u> . Water			

1111		samples 1	must be collected at the locations and times established in this subsection
1112		(a).	
1113			
1114		1) F	rom the raw water intake, one sample must be collected before treatment.
1115			
1116		,	rom the entry point to the distribution system, one sample must be
1117		<u>C(</u>	ollected:
1118			
1119		A	
1120			the copper sulfate treatment; and-
1121		ъ	
1122		В	
1123			the copper sulfate treatment.
1124	1 \	mi	
1125	b)		ple results must demonstrate that concentrations of copper do not pose a
1126		_	th risk to water consumers in <u>compliance</u> accordance with 35 Ill. Adm.
1127		Code 611	1.350(c)(2).
1128	(C ·		1-1-4-47 III D
1129	(Sourc	ce: Ameno	led at 47 Ill. Reg, effective)
1130 1131		CLID	PART E: OTHER AQUATIC PESTICIDE PERMITS
1131		SUDI	PART E. OTHER AQUATIC PESTICIDE PERMITS
1132	Section 602 5	500 Othor	Aquatic Pesticide Permit Requirement
1134	Section 002.	ou Omei	Aquatic I esticide I et init Requirement
1135	a)	When the	e application of the pesticide will have an effect on any community water
1136	u)		no person must not shall apply an aquatic pesticide, other than an
1137			copper sulfate, a copper sulfate-based productsulfate based products, or a
1138			alfate chemical aidaids to any stream, reservoir, lake, pond, or other body
1139			used as a community water supply source without an Aquatic Pesticide
1140			sued by the Agency. Effect means is defined as any measurable
1141			ation of the pesticide in the intake water of the community water supply.
1142			
1143	b)	A No pers	son must notshall apply an aquatic pesticide, other than an algicide,
1144	,	_	ulfate, a copper sulfate-based productsulfate based products, or a copper
1145			nemical aidaids, within 20 miles upstream of a public or food processing
1146			oply intake without an Aquatic Pesticide Permit issued by the Agency.
1147		The <u>20-n</u>	nile 20 mile upstream distance must be measured as follows:
1148			-
1149		1) fo	or streams, the distance must be measured from the water supply intake to
1150		th	ne downstream edge of the application area;
1151			
1152		2) fo	or impoundments, the distance must be measured as the straight-
1153		<u>li</u> :	nestraight line distance over water from the intake to the nearest edge of

1154			the application area or, if the shape of the impoundment will not allow a
1155			straight-linestraight line measurement over water, the distance must be
1156			measured as the shortest distance over water between the intake and the
1157			application area; and
1158			
1159		3)	for streams tributary to impoundments, the distance must be the sum of the
1160			stream distance plus the shortest line distance described in subsection
1161			(b)(2).
1162			
1163	(Sour	rce: An	nended at 47 Ill. Reg, effective)
1164			
1165	Section 602.	505 Ot	ther Aquatic Pesticide Permit Application Contents
1166			•
1167	All application	ons for	Aquatic Pesticide Permits must contain, at a minimum:
1168	11		
1169	a)	The r	reasons for controlling the aquatic plant or animal nuisance.
1170	,		
1171	b)	Appl	icant Information
1172	,	11	
1173		1)	The applicant must be the official custodian of, or have control over the
1174		,	waters to which the aquatic pesticide is applied.
1175			1 1 11
1176		2)	The application must contain the name, address, telephone number, and
1177		,	signature of the applicant. If the applicant's signature cannot be obtained,
1178			the application must be accompanied by a signed statement that the
1179			applicant has requested or approved the use of the aquatic pesticide for the
1180			times and locations identified in the application.
1181			Tr
1182	c)	Appl	icator Information
1183	• ,		
1184		1)	The name, address, and telephone number of the applicator.
1185		1)	The name, address; and telephone number of the apprentix.
1186		2)	The applicator's Illinois Department of Agriculture license number.
1187		2)	The applicator's immois Department of rightesitate needs itamoer.
1188		3)	A list of the limitations imposed by the applicator's license that restrict the
1189		3)	types of pesticides that may be used by the applicator.
1190			types of positiones that may be used by the application.
1191	d)	Gene	eral Information
1192	u)	Gene	AMI III OI II MAOO II
1192		1)	A description of the aquatic pesticide by trade name, chemical name or
1194		1)	name of active ingredients, and names of decomposition products.
1194			name of active ingredients, and names of decomposition products.
IIJJ			

1196 1197		2)		J.S. Environmental Protection Agency (USEPA) Registration
			Nullio	per for the pesticide.
1198		2)	م ما م	ariation of the stans to be followed in managing and applying the
1199		3)		cription of the steps to be followed in preparing and applying the
1200				ide, including, but not limited to, proportions, mixing, and
1201			-	ations in preparation. A copy or facsimile of the label containing
1202			this in	formation may be used to satisfy this requirement.
1203				
1204	e)	Time	e and Loc	cation of Treatment
1205				
1206		1)	-	iction of the area or areas to be treated on a U.S. Geological Survey
1207				S) topographic map reproduction or an accurately drawn map of
1208			larger	scale. The depiction must include the locations and provide the
1209			name	of the owners of all water intakes for a distance of 20 miles
1210			downs	stream of each area to be treated.
1211				
1212		2)	Ponds	under 10 acres to be treated, but that are not used as a water source
1213			for pu	blic or food processing water supplies, must be described using a
1214			-	of the pond, its tributaries, and the surrounding area.
1215			•	
1216			A)	Pond locations must be given and described using the quarter
1217			,	section, section number, township, range, county, and township
1218				name.
1219				
1220			B)	The name of all public and food processing water supplies for a
1221			,	distance of 20 miles downstream of the pond to be treated must be
1222				provided.
1223				P-2 - 120-20
1224		3)	The da	ate and time required for each treatment.
1225		0)	1110 07	we man tank to durant to the transfer
1226	f)	An i	nventorv	of the species, size, and population of animals or plants to be
1227	1)		rolled.	of the species, size, and population of animals of plants to se
1228		Conti	ionea.	
1229	g)	Cont	tacts with	n Downstream Water Users
1230	5)	Com	iacis with	Downstream water osers
1230		1)	Writte	en documentation showing that all water supplies described in
1231		1)		on 602.500 have been notified of the proposed treatment and
1232				led details of possible adverse effects.
			provid	ded details of possible adverse effects.
1234		2)	The	amas of water sweets are retors who will be notified 24 become before
1235		2)		ames of water supply operators who will be notified 24 hours before
1236			tne aq	uatic pesticide application.
1237	• \	, ,		10
1238	h)	App	lication a	nd Precautions

1239			
1240		1)	A description of the method to be used to apply the pesticide.
1241			
1242		2)	A description of the method to be used to protect humans and animals
1243			during the time toxic pesticide concentrations exist in the water.
1244			
1245		3)	A description of the method to be used to remove dead plants or animals
1246			<u>ifshould</u> these accumulations result in water quality deterioration.
1247			
1248		4)	A description of the method to be used to retain water in the impoundment
1249			while toxic pesticide concentrations exist.
1250			
1251		5)	A description of the method to be used for detoxification of the water in
1252			the event of water supply contamination.
1253			
1254		6)	A description of the actions to be taken to ensure insure that tributary
1255			streams will not reintroduce the aquatic life being controlled following the
1256			application of the pesticide. If these actions cannot be taken, the
1257			anticipated frequency of retreatment mustshall be stated.
1258			
1259		7)	A copy of the contingency plan to be followed by water plant operators fo
1260			emergency water plant shut down or emergency operation.
1261			
1262	i)	Wate	er Characteristics and Chemistry
1263			•
1264		1)	The expected life of the pesticide's active ingredient and its decomposition
1265			products, considering characteristics of the water such as pH, dissolved
1266			oxygen, and temperature.
1267			
1268		2)	A list of the limiting chemical constituents of the water to be treated that
1269			can hinder the effectiveness of the pesticide.
1270			·
1271		3)	A list of the short-termshort term and chronic effects of the pesticide on
1272			people and animals.
1273			• •
1274		4)	A description of the weather and stream flow conditions under which the
1275		,	pesticide must be applied.
1276			•
1277		5)	A list of the references used to obtain information required by subsections
1278		,	(i)(1) through (4).
1279			
1280	j)	Pesti	icide Dosage and Concentration
1281	3/		

1282 1283		1)	A de	scription of the pesticide dosage.
1284		2)	A description of the concentration of the pesticide in the water	
1285		2)	immediately after application.	
1286			1111111	ediately after application.
1287		3)	A co	py of the computations used to determine the concentration.
1288		3)	A CO	py of the computations used to determine the concentration.
	1-)	Ctmaa	m and l	Immoundment Data
1289	k)	Suea	iii ana i	Impoundment Data
1290		1)	C4	
1291		1)	Strea	IIIIS
1292			A \	
1293			A)	The stream flow expected during pesticide application.
1294			ъ,	
1295			B)	When stream flows are not available, data on high, average, and
1296				low stream flow conditions.
1297				
1298			C)	The specific quantity of discharge in cubic feet per second and the
1299				average stream velocity in feet per second.
1300				
1301		2)	Impo	oundments
1302				
1303			A)	The surface area, average depth, maximum depth, and volume of
1304				the impoundment.
1305				•
1306			B)	The flow expected into and out of the impoundment during the
1307				time the pesticide will be active, including the flows attributed to
1308				contributing streams, flow over the spillway, and water withdrawn
1309				by individual users.
1310				· ,
1311			C)	Information pertinent to the segment in question when only part of
1312			Ο,	the impoundment will be treated.
1313				the impositation will be treated.
1314			D)	A depiction of the water flow patterns to the water supply intake
1315			D)	on a map of the impoundment.
1316				on a map of the impoundment.
1317			E)	An estimate of the minimum time required for the aquatic pesticide
1317			L)	to reach the water supply intake.
1318				to reach the water suppry intake.
		2)	A 1:a	t of the reference severes or the name and evalifications of the newson
1320		3)		t of the reference sources or the name and qualifications of the person
1321			supp	lying stream flow and impoundment data.
1322	1\	A 1 1.	,. 1 +	
1323	1)	Addı	tional I	nformation and Reports
1324				

1325		1) A	dditi	onal information must be provided to the Agency upon request to	
1326		assure the safety of a community water supply as required by 35 Ill. Adm.			
1327		Code 302.210. A copy of the applicant's authorization to discharge under			
1328		aı	an NPDES permit must be submitted if the aquatic pesticide is applied to a		
1329		W	ater (of the United States.	
1330					
1331		2) A	repo	ort letter must be filed with the Agency within 30 days	
1332		at	fter <mark>fo</mark>	llowing each application of the aquatic pesticide. The report must	
1333		in	nclud	e , but is not limited to :	
1334					
1335		A	()	the names and addresses of the applicant and applicator;	
1336					
1337 1338		В	5)	the aquatic pesticide application permit number;	
			0	the data of associa markinida amplication.	
1339 1340		C	.)	the date of aquatic pesticide application;	
		D		the name and amount of aquatic mosticide analised, and	
1341 1342		D	')	the name and amount of aquatic pesticide applied; and	
		Г		a description of any mishon that and an aread a community water	
1343		E	·)	a description of any mishap that endangered a community water	
1344 1345				supply and a chronology of the steps taken to correct the problem.	
1345	(Cour	aa. Amana	dad a	47 III Dog offortivo	
1347	(Source)	e. Amend	ieu ai	t 47 Ill. Reg, effective)	
1348	Section 602 i	710 Downs	ta Ti	ndon Dublic Health Deleted Emengencies	
1349	Section 002.3	oto refilli	us UI	nder Public Health Related Emergencies	
1349	The Agency	moviggue	A 0110	tic Pesticide Permits by telephone whenever public health is	
1351		•	-	an aquatic pest such as a disease-carrying organism. Aquatic	
1351		_	-		
1352	Pesticide Permits issued by telephone must have special conditions for safeguarding downstream public and food processing water supplies.				
1354	public and for	ou processi	mg w	ater supplies.	
1355	a)	The Age	nev n	nust confirm to the applicant in writing the granting of an	
1356	a)	_	•	quatic Pesticide Permit within 10 days after issuance.	
1357		chicigen	су Ас	quatie i esticide i erinit within 10 days after issuance.	
1358	b)	A syrittar	ronc	ort containing the same information required for a permit application	
1359	0)		-	602.505 must be submitted made to the Agency within 30 days	
1360				ticide application.	
1361		TOHOWIH	g pesi	neide application.	
1362	(Sour	ne. Amend	ded of	t 47 Ill. Reg, effective)	
1363	(Source)	c. Amend	icu ai	14/ III. Neg	
1364	Section 602	520 Evton	cion	of Permit Duration	
1365	Section 002.3	20 Exten	SIUII	or remine Duration	
.)())					

1366 1367 1368		•	stend the duration of an Aquatic Pesticide Permit when circumstances beyond oplicant prevent the aquatic pesticide application during the time specified in
1369 1370	a)	All r	equests for extensions of permit duration must:
1371 1372		1)	be in writing;
1373			
13741375		2)	list the reasons the aquatic pesticide could not be applied on the date permitted;
1376			
1377 1378		3)	give the new date the aquatic pesticide is to be applied;
1379 1380		4)	contain a statement that the aquatic pesticide will be applied in accordance with the conditions listed in the Aquatic Pesticide Permit; and
1381			······································
1382		5)	contain the Aquatic Pesticide Permit Number, the name and Illinois
1383		0)	Department of Agriculture license number of the applicator, and the
1384			signature of the applicant.
1385			signature of the approach.
1386	b)	Requ	nests for extensions of permit duration may be made by telephone <u>ifprovided</u> :
1387			
1388		1)	the information listed in subsection (a) is stated; and
1389			
1390 1391		2)	the information listed in subsection (a) is transmitted in writing to the Division of Public Water Supplies Permit Section within five days after
1392			the date verbal approval for an extension of permit duration is given by the
1393			Agency.
1394			1-8-1-9
1395	c)	Appl	lications for extensions of permit duration <u>mustshall</u> not be granted if more
1396	,		60 days have elapsed from the date of aquatic pesticide application listed in
1397			permit.
1398		······································	
1399	d)	Exte	nsions of permit duration, if granted by the Agency, must be in writing and
1400			state the time of the extension.
1401			
1402	(Sour	ce: Ar	mended at 47 Ill. Reg, effective)
1403	`		
1404			SUBPART F: SPECIAL EXCEPTION PERMITS
1405			
1406	Section 602.	600 S _I	pecial Exception Permits
1407		_	

1408	a)	Unless contained in a construction or operating permit, each Agency							
1409		determination in 35 Ill.	determination in 35 Ill. Adm. Code 604 and 611 is to be made by way of a written						
1410		special exception permi	special exception permit (SEP) pursuant to Section 39(a) of the Act.						
1411									
1412	b)	ANo person must notm	ay cause or allow the violation of any condition of a SEP.						
1413	•		•						
1414	c)	The community water s	The community water supply may appeal the denial of, or the conditions of, a						
1415	,		SEP to the Board pursuant to Section 40 of the Act.						
1416		1							
1417	d)	A SEP may be initiated	in either of the following ways:						
1418	,	•	Ç ,						
1419		1) by a written requ	uest from the community water supply; or						
1420		, ,	11 3 /						
1421		2) by the Agency,	when authorized by Board <u>rules</u> regulations .						
1422		, , ,	, <u> </u>						
1423		BOARD NOTE	: The Board does not intend by any provision of this Part						
1424			ne Agency exercise its discretion and initiate a SEP under						
1425		•). Rather, the Board intends to clarify by subsection (d)(2)						
1426			may initiate a SEP without receiving a request from the						
1427		supplier.	.,						
1428		TI							
1429	(Sour	ce: Amended at 47 Ill. Re	eg, effective)						
1430	`								
1431	Section 602.	APPENDIX A Referen	ces to Former Rules (Repealed)						
1432									
1433	The following table is provided to aid in referencing former Board rule numbers to section								
1434		suant to codification.							
1435	1								
	Chapter 6: Public Water Supplies Ill. Adm. Code								
	1		Part 602						
	Part II: Perm	uits							
	Rule 201		Section 602.101						
	Rule 202		Section 602.102						
	Rule 203		Section 602.103						
	Rule 204		Section 602.108						
			Section 602.109						
			Section 602.110						
	Rule 205		Section 602.107						
	Rule 206		Section 602.111						
			Section 602.112						
	Rule 207		Section 602.112 Section 602.105						
	Rule 208		Section 602.113						
	-								

	Rule 209	Section 602.116
	Rule 210	Section 602.114
	Rule 211	Section 602.118
	Rule 212	Section 602.115
	Rule 213	Section 602.104
	Rule 214	Section 602.119
	Rule 215	Section 602.120
1436		
1437	(Source: Repealed at 47 Ill. Reg.	, effective)